

PTO-1449 Information Disclosure Citation in an Application			Application No. Docket Number HES 2002-IP-006658U1	Applicant(s): Bradley L. Todd
			Group Art Unit 3676	Filing Date

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
67	1.	6,311,773	11/06/01	Todd, et al.	166	280	01/28/00
	2.	6,214,773	04/10/01	Harris, et al.	507	271	09/29/99
	3.	6,209,646	04/03/01	Reddy, et al.	166	300	04/21/99
	4.	6,024,170	02/15/00	McCabe, et al.	166	300	06/03/98
	5.	5,604,186	02/18/97	Hunt, et al.	507	204	02/15/95
	6.	5,591,700	01/07/97	Harris, et al.	507	214	12/22/94
	7.	5,386,874	02/07/95	Laramay, et al.	166	300	11/08/93
	8.	5,373,901	12/20/94	Norman, et al.	166	300	07/27/93
	9.	6,494,263	12/17/02	Todd	166	312	01/09/01
67	10.	6,527,051	03/04/03	Reddy, et al.	166	300	07/12/02
67	11.	6,554,071	04/29/03	Reddy, et al.	166	293	07/12/02

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE

EXAMINER	DATE CONSIDERED
George Suchfield	11/9/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Application No.
10/736,152Applicant(s)
Bradley L. ToddDocket Number
2002-IP-006658U1

3670

Group Art Unit
Filing Date
12/15/2003

Information Disclosure Citation in an Application

JUL 27 2004

PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
CS	2,238,671	04-15-41	Woodhouse	166	21	02-09-40
	3,784,585	01-08-74	Schmitt <i>et al.</i>	260	861	10-21-71
	3,828,854	08-13-74	Templeton <i>et al.</i>	166	307	10-30-73
	3,868,998	03-04-75	Lybarger <i>et al.</i>	166	278	05-15-74
	3,960,736	06-01-76	Free <i>et al.</i>	252	855R	06-03-74
	4,169,798	10-02-79	DeMartino	252	855R	10-25-77
	4,387,769	06-14-83	Erbstoesser <i>et al.</i>	166	295	08-10-81
	4,470,915	09-11-84	Conway	252	855R	09-27-82
	4,526,695	07-02-85	Erbstoesser <i>et al.</i>	252	855R	02-04-83
	4,716,964	01-05-88	Erbstoesser <i>et al.</i>	166	284	12-10-86
	4,809,783	03-07-89	Hollenbeck <i>et al.</i>	166	307	01-14-88
	4,843,118	06-27-89	Lai <i>et al.</i>	524	555	06-19-87
	4,848,467	07-18-89	Cantu <i>et al.</i>	166	281	02-16-88
	4,961,466	10-09-90	Himes <i>et al.</i>	166	250	01-23-89
	4,986,353	01-22-91	Clark <i>et al.</i>	166	279	09-14-88
	4,986,354	01-22-91	Cantu <i>et al.</i>	166	279	09-14-88
	5,082,056	01-21-92	Tackett Jr.	166	295	10-16-90
CS	5,439,055	08-08-95	Card <i>et al.</i>	166	280	03-08-94

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						Yes
CS	WO 04/038176 A1	05/06/04	United States	E21B	43/27	n/a

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
CS	Cantu, et al., "Laboratory and Field Evaluation of a Combined Fluid-Loss Control Additive and Gel Breaker for Fracturing Fluids," SPE 18211.	

EXAMINER George Suchfield DATE CONSIDERED 11/9/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Statement Citation in an Application	Application No. 10/736,152	Applicant(s) Bradley L. Todd	
	Docket Number 2002-IP-006658U1	Group Art Unit 3676	Filing Date 12/15/2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
G9	5,460,226	10-24-95	Lawson <i>et al.</i>	166	300	05-18-94
	6,162,766	12-19-00	Muir <i>et al.</i>	507	267	05-29-98
	6,189,615	02-20-01	Sydansk	166	270	12-15-98
	6,242,390	06-05-01	Mitchell <i>et al.</i>	507	211	07-31-98
	6,387,986	05-04-02	Moradi-Araghi <i>et al.</i>	523	211	06-24-99
	6,599,863	07-29-03	Palmer <i>et al.</i>	507	219	07-29-03
	6,669,771	12-30-03	Tokiwa <i>et al.</i>	106	162	12-08-02
	6,710,019	03-23-04	Sawdon <i>et al.</i>	507	136	07-16-99
	US 2001/0016562	08-23-01	Muir <i>et al.</i>	507	201	11-29-00
	US 2003/0060374	03-27-03	Cooke Jr.	507	200	09-24-02
	US 2003/0114314	06-19-03	Ballard <i>et al.</i>	507	100	12-19-01
	US 2003/0130133	07-10-03	Vallmer	507	100	12-11-02
	US 2003/0234103	12-25-03	Lee <i>et al.</i>	166	293	06-20-02
	US 2004/0014607	01-22-04	Sinclair <i>et al.</i>	507	200	07-16-02
G9	US 2004/0040706	03-04-04	Hossaini <i>et al.</i>	166	278	08-28-02

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						Yes
G9	WO 04/037946 A1	05-06-04	United States	C09K	7/00	n/a

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
G9	Simmons, et al., "Poly(phenyllactide): Synthesis, Characterization, and Hydrolytic Degradation," <i>Biomacromolecules</i> , Vol. 2, No. 3, 2001 (pp. 658-663)	
G9	Yin, et al., "Preparation and Characterization of Substituted Polylactides," <i>Am. Chem. Soc.</i> , Vol. 32, No. 23, 1999 (pp. 7711-7718)	
G9	Yin, et al., "Synthesis and Properties of Polymers Derived from Substituted Lactic Acids," <i>Am. Chem. Soc.</i> , Ch. 12, 2001 (pp. 147-159)	

EXAMINER George Suchfield DATE CONSIDERED 11/8/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449

NOV 22 2004

Information Disclosure Statement in an Application

Application No.
10/736,152Applicant(s)
Bradley L. ToddDocket Number
2002-IP-006658U1

Group Art Unit

Filing Date
12/15/2003
3676

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
GS	2,703,316	03-01-55	Palmer	260	78.3	06-05-51
	3,272,650	09-13-66	MacVittie	134	7	02-21-63
	3,819,525	06-25-74	Hattenbrun	252	132	08-21-72
	3,912,692	10-14-75	Casey <i>et al.</i>	260	78.3	09-24-74
	3,948,672	04-06-76	Harnsberger	106	90	09-26-74
	3,955,993	05-11-76	Curtice	106	90	09-26-74
	4,172,066	10-23-79	Zweigle <i>et al.</i>	260	29.6TA	09-26-77
	4,460,052	07-17-84	Gockel	175	72	08-10-81
	4,498,995	02-12-85	Gockel	252	8.5LC	07-01-83
	4,694,905	09-22-87	Armbruster	166	280	05-23-86
	4,715,967	12-29-87	Bellis	252	8.551	12-27-85
	4,785,884	11-22-88	Armbruster	166	280	01-28-88
	4,797,262	01-10-89	Dewitz	422	142	06-03-87
	4,886,354	12-12-89	Welch <i>et al.</i>	356	70	05-06-88
	4,957,165	09-18-90	Cantu <i>et al.</i>	166	295	06-19-89
	4,986,355	01-22-91	Casad, <i>et al.</i>	166	295	05-18-89
	5,216,050	06-01-93	Sinclair	524	108	09-06-90
	5,249,628	10-05-93	Surjaatmadja	166	305	09-29-92
	5,295,542	03-22-94	Cole, <i>et al.</i>	166	278	10-05-92
	5,325,923	07-05-94	Surjaatmadja, <i>et al.</i>	166	308	09-30-93
	5,330,005	07-19-94	Card, <i>et al.</i>	166	280	04-05-93
	5,360,068	11-01-94	Sprunt, <i>et al.</i>	166	259	04-19-93
	5,363,916	11-15-94	Himes, <i>et al.</i>	166	276	06-16-93
	5,396,957	03-14-94	Surjaatmadja, <i>et al.</i>	166	308	03-04-94
	5,402,846	04-04-95	Jennings, Jr., <i>et al.</i>	166	259	11-15-93
	5,464,060	11-07-95	Hale, <i>et al.</i>	166	293	04-12-94
GS	5,497,830	03-12-96	Boles, <i>et al.</i>	166	300	04-06-95

EXAMINER

George Suchfield

DATE CONSIDERED

11/9/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Citation in an Application		Application No. 10/736,152	Applicant(s) Bradley L. Todd		
		Docket Number 2002-IP-006658U1	Group Art Unit	Filing Date 12/15/2003	

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
(5)	5,499,678	03-19-96	Surjaatmadja, <i>et al.</i>	166	298	08-02-94
	5,505,787	04-09-96	Yamaguchi	134	4	01-28-94
	5,512,071	04-30-96	Yam, <i>et al.</i>	51	307	02-25-94
	5,670,473	09-23-97	Scepanski	510	445	06-06-95
	5,698,322	12-16-97	Tsai, <i>et al.</i>	428	373	12-02-96
	5,765,642	06-16-98	Surjaatmadja	166	297	12-23-96
	5,791,415	08-11-98	Nguyen, <i>et al.</i>	166	280	03-13-97
	5,833,000	11-10-98	Weaver, <i>et al.</i>	166	276	02-18-97
	5,853,048	12-29-98	Weaver, <i>et al.</i>	166	279	04-21-98
	5,893,416	04-13-99	Read	166	304	11-28-97
	5,908,073	06-01-99	Nguyen, <i>et al.</i>	166	276	06-26-97
	5,924,488	07-20-99	Nguyen, <i>et al.</i>	166	280	06-11-97
	5,964,291	10-12-99	Bourne, <i>et al.</i>	166	279	02-28-96
	6,004,400	12-21-99	Bishop, <i>et al.</i>	134	2	07-09-97
	6,028,113	02-22-00	Scepanski	514	643	09-27-95
	6,047,772	04-11-00	Weaver, <i>et al.</i>	166	276	11-09-98
	6,123,965	09-26-00	Jacob, <i>et al.</i>	424	489	08-18-98
	6,135,987	10-24-00	Tsai, <i>et al.</i>	604	365	12-22-99
	6,169,058 B1	01-02-01	Le, <i>et al.</i>	507	222	06-05-97
	6,172,011 B1	01-09-01	Card, <i>et al.</i>	507	204	03-08-96
	6,202,751 B1	03-20-01	Chatterji, <i>et al.</i>	166	276	07-28-00
	6,209,643 B1	04-03-01	Nguyen, <i>et al.</i>	166	276	03-06-00
	6,260,622 B1	07-17-01	Blok, <i>et al.</i>	166	305.1	12-23-98
	6,323,307 B1	11-27-01	Bigg, <i>et al.</i>	528	354	08-16-95
	6,328,105 B1	12-11-01	Betzold	166	280	07-14-00
	6,357,527 B1	03-19-02	Norman, <i>et al.</i>	166	300	05-05-00
(6)	6,364,945 B1	04-02-02	Chatterji, <i>et al.</i>	106	677	12-13-00

EXAMINER	George Suchfield	DATE CONSIDERED	11/9/05
----------	------------------	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER George Suchfield

DATE CONSIDERED 1/19/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Citation in an Application	Application No. 10/736,152	Applicant(s) Bradley L. Todd	
	Docket Number 2002-IP-006658U1	Group Art Unit 3696	Filing Date 12/15/2003

FOREIGN PATENT DOCUMENTS

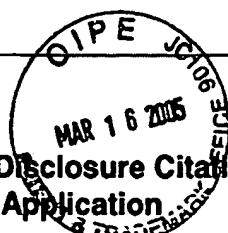
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes	TRANSLATION No
69	WO 99/27229	06-03-99	PCT	E21B	43/26	X	
	WO 01/87797 A1	11-22-01	PCT	C04B	28/02	X	
	WO 03/027431 A2	04-03-03	PCT	E21B		X	
	WO 03/027431 A3	04-03-03	PCT	E21B	43/26	X	
69	EP 0 510 762 A2	04-16-92	Europe	C10D	17/00	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
69	Love, et al, <i>Selectively Placing Many Fractures in Openhole Horizontal Wells Improves Production</i> , SPE 50422, Society of Petroleum Engineers, 1998	
	McDaniel, et al, <i>Evolving New Stimulation Process Proves Highly Effective in Level 1 Dual-Lateral Completion</i> , SPE 78697, Society of Petroleum Engineers, 2002	
	Albertsson, et al, <i>Aliphatic Polyesters: Synthesis, Properties and Applications</i> , Advances in Polymer Science, Vol. 157, 2002	
	Dechy-Cabaret, et al, <i>Controlled Ring-Opening Polymerization of Lactide and Glycolide</i> , American Chemical Society, Chemical Reviews, A-Z, AA-AD, received 2004	
	Funkhouser, et al, <i>Synthetic Polymer Fracturing Fluid for High-Temperature Applications</i> , SPE 80236, Society of Petroleum Engineers, 2003	
	<i>Chelating Agents</i> , Encyclopedia of Chemical Technology, Vol. 5 (764-795)	
	Vichaibun, et al, <i>A New Assay for the Enzymatic Degradation of Polylactic Acid</i> , Short Report, ScienceAsia, Vol. 29, 2003 (pp. 297-300)	
	Halliburton, <i>SurgiFracSM Service, A Quick and Cost-Effective Method to Help Boost Production From Openhole Horizontal Completions</i> , Halliburton Communications, HO3297, 2002	
	Halliburton, <i>Cobra FracSM Service, Coiled Tubing Fracturing—Cost-Effective Method for Stimulating Untapped Reserves</i> , HO2319R, Halliburton Energy Services, 2000	
	Halliburton, <i>CobraJet FracSM Service, Cost-effective Technology That Can Help Reduce Cost Per BOE Produced, Shorten Cycle Time and Reduce Capex</i> , Halliburton Communications	
	Blauch, et al, <i>Aqueous Tackifier and Methods of Controlling Particulates</i> , Patent Application No. 10/864,061, filed 06-09-04	
69	Blauch, et al, <i>Aqueous-Based Tackifier Fluids and Methods of Use</i> , Patent Application No. 10/864,618, filed 06-09-04	

EXAMINER	George Suchfield	DATE CONSIDERED	11/9/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

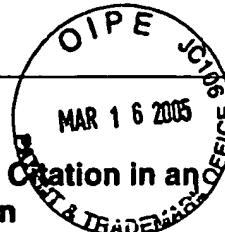
PTO-1449


Information Disclosure Citation in an Application
Application No.
10/736,152Docket Number
2002-IP-006658U1Applicant(s)
Bradley L. ToddGroup Art Unit
3696Filing Date
12/15/2003
U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
CG	4,817,721	04/04/89	Pober	166	295	12/14/87
	5,142,023	08/25/92	Gruber, et al	528	354	01/24/92
	5,247,059	09/21/93	Gruber, et al	528	354	08/24/92
	5,359,026	10/25/94	Gruber	528	354	07/30/93
	5,475,080	12/12/95	Gruber, et al	528	354	03/22/93
	5,484,881	01/16/96	Gruber, et al	528	354	08/23/93
	5,536,807	07/16/96	Gruber, et al	528	354	08/23/93
	5,594,095	01/14/97	Gruber, et al	528	354	07/27/94
	5,849,401	12/15/98	EI-Afandi, et al	428	215	05/03/96
	6,326,458 B1	12/04/01	Gruber, et al	528	354	10/07/93
CG	6,763,888 B1	07/20/04	Harris, et al	166	305.1	03/20/00
CG	US 2004/0261993A1 (US Pat. App. Ser. No. 10/608,319)	12/30/04	Nguyen (Ref. No. 2003-IP-010077U1)	166	276	06/27/03
	US 2004/0261995A1 (US Pat. App. Ser. No. 10/608,291)	12/30/04	Nguyen, et al (Ref. No. 2002-IP-009210U1)	166	279	06/27/03
	US 2004/0261996A1 (US Pat. App. Ser. No. 10/609,031)	12/30/04	Munoz, Jr., et al (Ref. No. 2002-IP-009052U1)	166	279	06/27/03
	US 2004/0261999A1 (US Pat. App. Ser. No. 10/608,373)	12/30/04	Nguyen (Ref. No. 2003-IP-010077U2)	166	292	06/27/03
CG	US 2005/0028976A1 (US Pat. App. Ser. No. 10/634,705)	02/10/05	Nguyen (Ref. No. 2003-IP-010039U1)	166	276	08/05/03

EXAMINER *George Suchfield*DATE CONSIDERED *11/9/05*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO-1449		Application No. 10/736,152	Applicant(s) Bradley L. Todd	
Information Disclosure Citation in an Application		Docket Number 2002-IP-006658U1	Group Art Unit	Filing Date 12/15/2003

U.S. PATENT DOCUMENTS

<i>GS</i>	US 2005/0034861A1 (US Pat. App. Ser. No. 10/736,339)	02/17/05	Saini, et al (Ref. No. 2001-IP-005484U1P1)	166	278	12/15/03
	US 2005/0034865 A1 (US Pat. App. Ser. No. 10/641,242)	02/17/05	Todd, et al (Ref. No. 2001-IP-005484U1)	166	304	08/14/03
	US Pat. App. Ser. No. 10/650,101	-	Todd, et al (Ref. No. 2001-IP-005443U2)	-	-	08/26/03
	US Pat. App. Ser. No. 10/661,173	-	Todd, et al (Ref. No. 2001-IP-005451U1)	-	-	09/11/03
<i>GS</i>	US Pat. App. Ser. No. 10/664,126	-	Todd, et al (Ref. No. 2003-IP-010228U1)	-	-	09/17/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
<i>GS</i>	WO 93/15127	08-05-93	PCT	C08G	63/06	X	
	WO 94/07949	04-14-94	PCT	C08K	11/00	X	
	WO 94/08078	04-14-94	PCT	D01F	6/62	X	
	WO 94/08090	04-14-94	PCT	D21H	19/28	X	
	WO 95/09879	04-13-95	PCT	C08G	63/08	X	
	WO 97/11845	04-03-97	PCT	B32B	27/08	X	
<i>GS</i>	EP 0 879 935 A3	10-02-99	Europe	E21B	43/26	X	

EXAMINER <i>George Suchfield</i>	DATE CONSIDERED <i>11/9/05</i>
----------------------------------	--------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Citation in an Application	APR 04 2005 USPTO-MAILED 12	Application No. 10/736,152	Applicant(s) Bradley L. Todd
		Docket Number 2002-IP-006658U1	Group Art Unit 3766
			Filing Date 12/15/2003

U.S. PATENT DOCUMENTS

EXAMINER

George Suchfield

DATE CONSIDERED

11/9/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449

JUN 13 2005

Information Disclosure Citation
in this ApplicationApplication No.
10736,152

Applicant(s):

BRADLEY L. TODD

Docket Number
2002-IP-006658U1

Group Art Unit

Filing Date

3672

December 15, 2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.	3,173,484	03/16/65	Huit, et al.	166	280.1	09/02/58
2.	3,195,635	07/20/65	Fast	166	280.1	05/23/63
3.	3,302,719	02/07/67	Fischer	166	280.2	01/25/65
4.	3,364,995	01/23/68	Atkins, et al.	166	280.1	02/14/66
5.	3,366,178	01/30/68	Malone, et al.	166	280.1	09/10/65
6.	3,455,390	07/15/69	Gallus	166	295	12/03/65
7.	3,968,840	07/13/76	Tate	166	280.1	05/25/73
8.	3,998,744	12/21/76	Arnold, et al.	507	269	04/16/75
9.	4,068,718	01/17/78	Cooke, Jr., et al.	166	280.2	10/26/76

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	
1.	WO 2004/007905	01/22/04	PCT	E21B	43/27	X	
2.	WO 2000/57022	09/28/00	PCT	E21B	37/06	X	
3.	WO 2001/02698	01/11/01	PCT	E21B	43/27	X	

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
1.	Y. CHIANG ET AL.: "HYDROLYSIS OF ORTHO ESTERS: FURTHER INVESTIGATION OF THE FACTORS WHICH CONTROL THE RATE-DETERMINING STEP," ENGINEERING INFORMATION INC., NY, NY, VOL. 105, NO. 23 (XP-002322842)	11/16/83
2.	M. AHMAD, ET AL.: "ORTHO ESTER HYDROLYSIS: DIRECT EVIDENCE FOR A THREE-STAGE REACTION MECHANISM," ENGINEERING INFORMATION INC., NY, NY, VOL. 101, NO. 10 (XP-002322843)	05/09/79

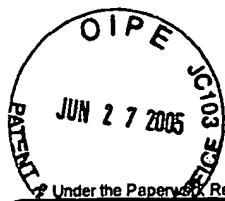
EXAMINER

George Suchfield

DATE CONSIDERED

11/9/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



JUN 27 2008

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Form 1050, 5/04, for the Patent and Trademark Office
with OMB Control Number 0651-0031.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

840 Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1

of 2

Complete if Known

Application Number	10/736,152
Filing Date	12/12/2003
First Named Inventor	Bradley L. Todd
Art Unit	3672
Examiner Name	unknown

Attorney Docket Number HES 2002-IP-006658U1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ⁴ -Kind Code ³ (if known)			
GJ	1	EP 0 643 197 A2	03/15/95	Norman et al.	
1	2	EP 0 672 740 A1	09/20/95	Dobson	
1	3	EP 1 223 207 A1	07/17/02	Todd	
GJ	4	EP 0 579 466 A2	01/19/94	Mondshine et al	

Examiner
Signature

George Suchfield

Date
Considered

11/9/05

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>		Complete if Known	
		Application Number	10/736,152
		Filing Date	12/15/2003
		First Named Inventor	Bradley L. Todd
		Art Unit	3672
		Examiner Name	unknown
Sheet	2	of	2
		Attorney Docket Number	
		HES 2002-IP-006658U1	

Examiner Signature	George Suchfield	Date Considered	11/9/05
-----------------------	------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<p style="text-align: right;">O P T E 200-1449 Information Disclosure Citation in an Application 2.1.2005</p>		Application No. 10/736,152		Applicant(s): BRADLEY L. TODD, ET AL.		
		Docket Number 2002-IP-006658U1		Group Art Unit 36726	Filing Date 12/15/2003	
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.	6,131,661	10/17/00	Conner, et al.	166	300	08/03/98
2.	6,143,698	11/07/00	Murphey, et al.	507	145	12/04/98
3.	2002/0036088 A1	03/28/02	Todd	166	300	01/09/01
4.	2005/0006095 A1	01/13/05	Justus, et al.	166	295	07/08/03
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO
NON-PATENT DOCUMENTS						
	DOCUMENT (including Author, Title, Source, and Pertinent Pages)					DATE
EXAMINER George Suchfield			DATE CONSIDERED 11/8/05			

 Information Disclosure Citation in an Application	Application No. 10/736,152	Applicant(s): Bradley L. Todd	
	Docket Number 2002-IP-006658U1	Group Art Unit 3672	Filing Date 12/15/2003

U.S. PATENT DOCUMENTS

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
GS	Cordes, et al., <i>Mechanism and Catalysis for Hydrolysis of Acetals, Ketals, and Other Esters</i> , Department of Chemistry, Indiana University, Bloomington, Indiana, Chemical Reviews, 1974, Vol. 74, No. 5, pp. 581-603	
CF	TODD, ET AL., A CHEMICAL "TRIGGER" USEFUL FOR OILFIELD APPLICATIONS, SOCIETY OF PETROLEUM ENGINEERS, INC., SPE 92709	02/04/05

EXAMINER George Suchfield	DATE CONSIDERED 11/9/05
------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.